speed shaft of the latter is connected through the clutch to the lathe shaft.

The hydraulic automatic control has an extended lever which is connected by a chain to the feed screw of the knife carriage of the lathe and as the diameter of the log decreases the movement of the carriage forward pulls the lever on the control and speeds up the variable speed transmission. This, of course, increases the peripheral speed of the turning log automatically and

maintains the desired cutting speed.

As already stated, this automatically maintained constant speed of 130 ft. per minute has increased production by about 78% and has made it possible to produce as much in two shifts, involving five men, as was formerly accomplished in three such shifts. Of course, if production requirements increase still more, they can be handled by operating a third shift.

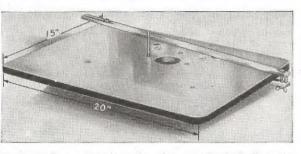
(Picture, courtesy Reeves Pulley Co., Columbus, Ind.)

Auxiliary Drill Press Work Table

An auxiliary work table has been introduced by the Barron Tool Co., Detroit. Known as the Barron Steel Top Drill Press Work Table, it is designed to fit any type of drill press. The table is 3/4" thick, 20" long, 15" wide.

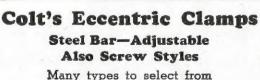
It has a special 20 gauge steel top firmly fastened to a plywood base to provide a metal - smooth,

non-warping top. The steel surface is level for ease, accuracy and smooth handling of larger size work pieces. The large area enables the owner to utilize his drill press for all types of work pieces in various operations which the modern drill press now affords such as shaping, planing, drum sanding, routing, drilling, surface grinding, tapping, etc.

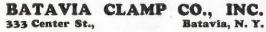


fastening to the standard drill press work table, has threaded bushings to take many types of shaper fences and is equipped with irregular shaping pin. Included with the table is a cadmium plated pivoting steel fence equipped with a high speed hand clamp which makes it extremely useful for a number of operations with the Barron Rotary Wood Planer. It also has many other uses such as positioning work pieces quickly and easily for drilling, surface grinding, routing and drum sanding. The table weighs 7 lbs.

The table, because of its rugged steel top, has many new uses and services. It comes equipped with anchor bolts for



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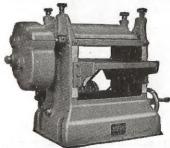
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